Session 11

Presentation Planning

FIRST LEGO League Challenge

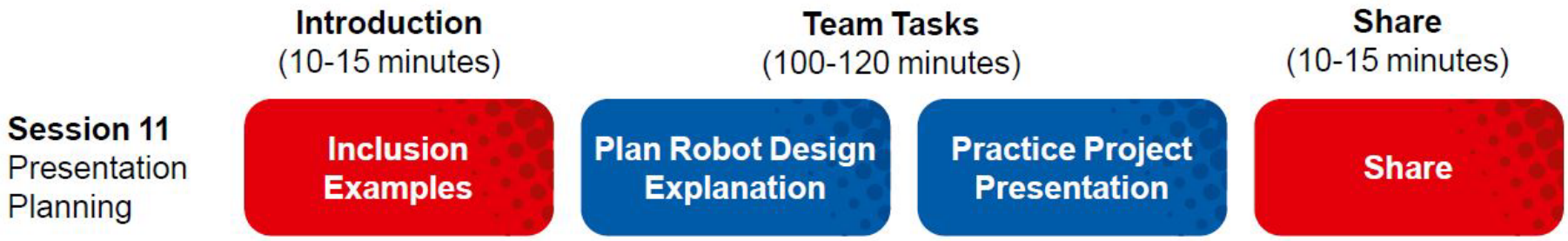
SUPER POWERED℠

FIRST ENERGIZE℠ Presented by Qualcomm

Session Overview

Outcomes

- **The team will finalize their Innovation Project presentation.**
- **The team will finalize their robot for the Robot Game and create their Robot Design presentation.**



Introduction

- Think about **Inclusion** and your team.
- Record examples of how your team makes sure everyone is respected and their voices are heard.

Introduction
(10-15 minutes)

- ☐ Think about **inclusion** and your team.
- ☐ Record examples of how your team makes sure everyone is respected and their voices are heard.

Session 11

Presentation Planning

Inclusion: We respect each other and embrace our differences.

Plan & Practice

- Continue working on your Innovation Project presentation.
- Plan and write out your Robot Design explanation. Refer to the Robot Design rubric for what to cover.
- Make sure everyone can communicate about your design process and programs.

FIRST LEGO LEAGUE CHALLENGE

Robot Design

Team #	Team Name	Judging Room

Instructions
Teams should communicate to the judges their achievement in each of the following criteria.
This rubric should be filled out during the Robot Design explanation.

Judges are required to tick one box on each separate line to indicate the level the team has achieved. If the team exceeds, please make a short comment in the Exceeds box.

BEGINNING 1	DEVELOPING 2	ACCOMPLISHED 3	EXCEEDS 4 *How has the team exceeded?*
IDENTIFY – Team had a clearly defined mission strategy and explored building and coding skills they needed.			
☐ Unclear mission strategy	☐ Partially clear mission strategy	☐ Clear mission strategy	☐
☐ Limited evidence of building and coding skills in all team members	☐ Inconsistent evidence of building and coding skills in all team members	☐ Consistent evidence of building and coding skills in all team members	☐
DESIGN – Team produced innovative designs and a clear workplan, seeking guidance as needed.			
☐ Minimal evidence of an effective plan	☐ Partial evidence of an effective plan	☐ Clear evidence of an effective plan	☐
☐ Minimal explanation of robot and code's innovative features	☐ Partial explanation of robot and code's innovative features	☐ Clear explanation of robot and code's innovative features	☐
CREATE – Team developed an effective robot and code solution matching their mission strategy.			
☐ Limited explanation of their robot and its attachment and sensor functionality	☐ Simple explanation of their robot and its attachment and sensor functionality	☐ Detailed explanation of their robot and its attachment and sensor functionality	☐
☐ Unclear explanation of how code makes their robot act	☐ Partially clear explanation of how code makes their robot act	☐ Clear explanation of how code makes their robot act	☐
ITERATE – Team repeatedly tested their robot and code to identify areas for improvement and incorporated the findings into their current solution.			
☐ Minimal evidence of testing their robot and code	☐ Partial evidence of testing their robot and code	☐ Clear evidence of testing their robot and code	☐
☐ Minimal evidence their robot and code was improved	☐ Partial evidence their robot and code was improved	☐ Clear evidence their robot and code was improved	☐
COMMUNICATE – Team's explanation of the robot design process was effective and showed how all team members have been involved.			
☐ Unclear explanation of robot design process	☐ Partially clear explanation of robot design process	☐ Clear explanation of robot design process	☐
☐ Minimal evidence that all team members were involved	☐ Partial evidence that all team members were involved	☐ Clear evidence that all team members were involved	☐

Feedback Comments

Great Job: | Think About:

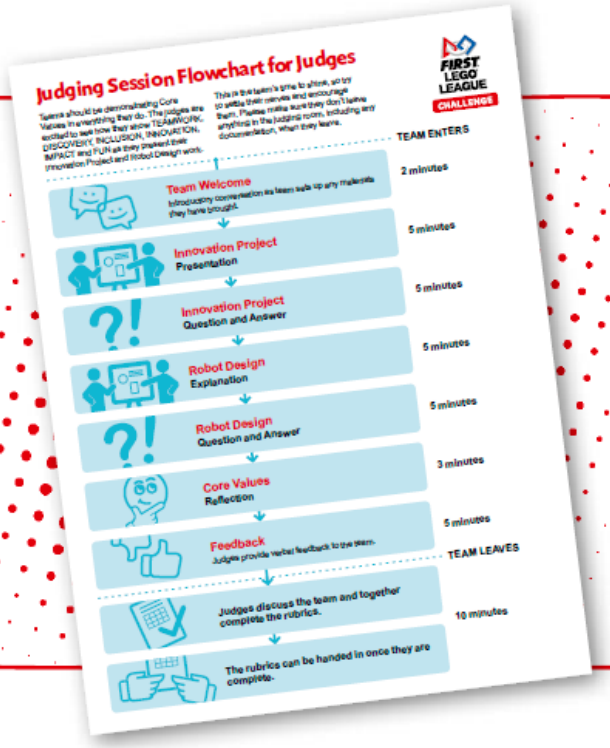
Download Rubrics

Plan & Practice

- **Determine what each person on the team will say.**
- **Practice your full presentation.**

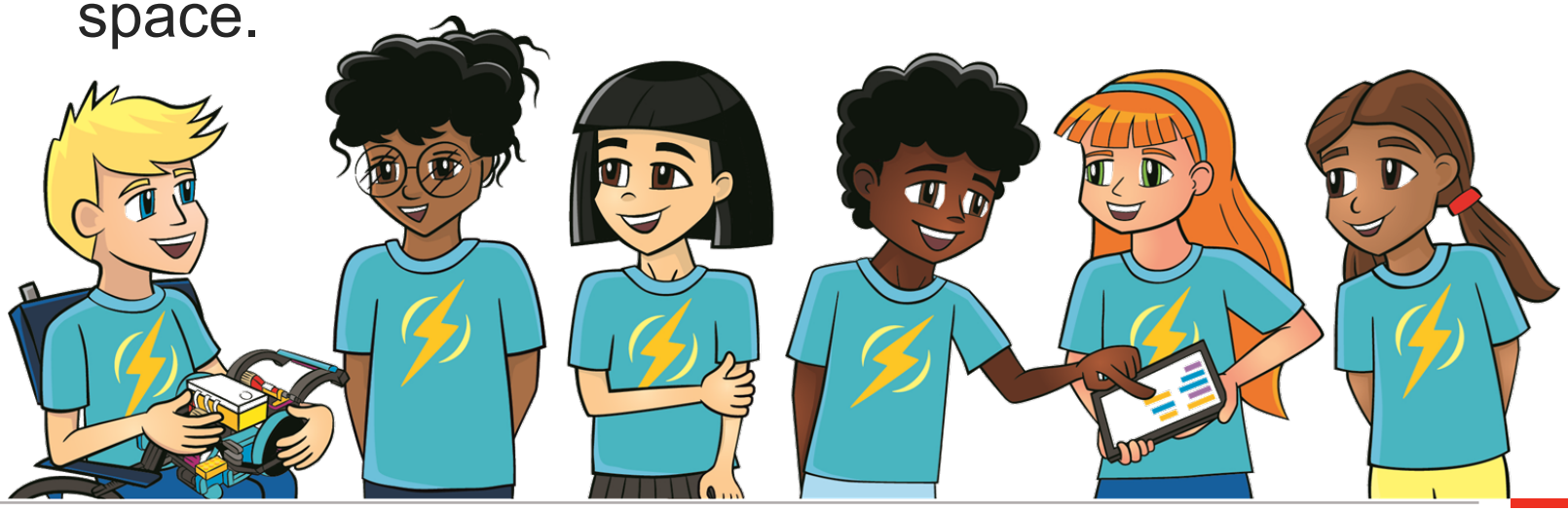
What to Expect at Your Event

- Your team should have fun and show team spirit and enthusiasm at the event. Be sure to show Core Values into everything you do.
- Your whole team will meet with the judges in a single judging session to share your team's journey throughout the season. Think about what you have achieved and what challenges you have faced and overcome.

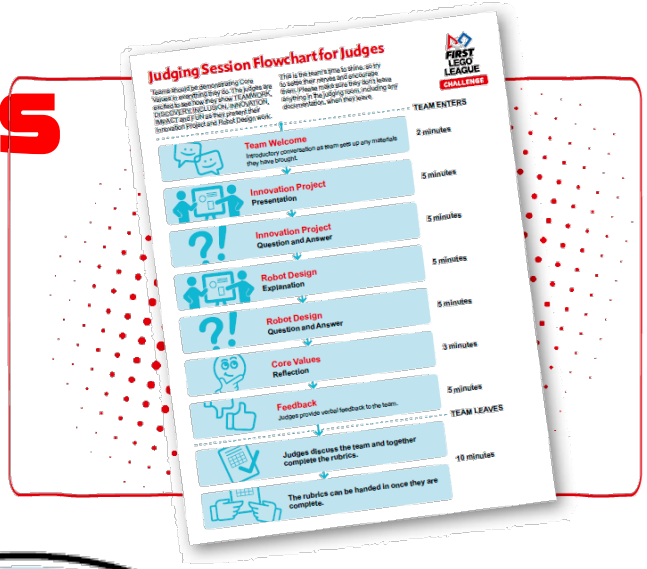


Share

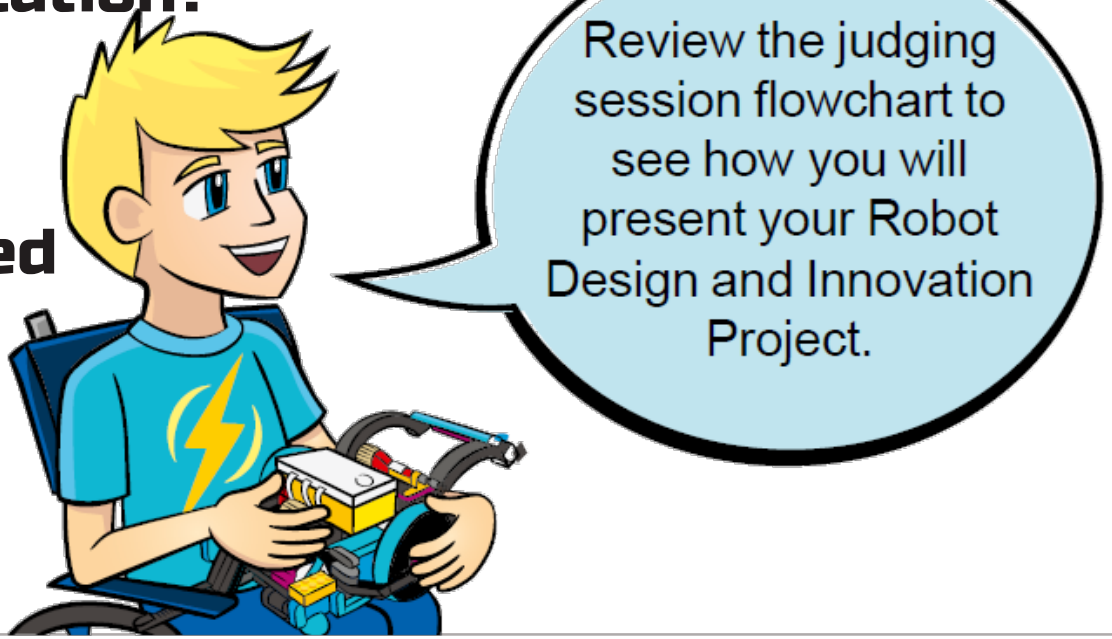
- Get together at the mat.
- Discuss the presentation and each person's role.
- Run a practice 2.5-minute match and explain what missions were done.
- Discuss the reflection questions.
- Decide what else needs to be done and clean up your space.



Reflection Questions



- Do you have a plan for what to do if one mission does not work?
- Does everyone have a speaking part in the presentation?
- How has *FIRST*® LEGO® League impacted you?



Multimedia Resources

You may wish to embed a relevant, age-appropriate video for your students here. See the Notes for an example.

Clean Up

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